



DFW

Attorney Docket No.: PATENT
SONY-30000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ikuo Tsukagoshi et al.

Serial No.: 10/014,732

Filed: July 28, 2005

For: **SYSTEM AND METHOD FOR
TIMESHIFTING THE
ENCODING/DECODING OF
AUDIO/VISUAL SIGNALS IN
REAL-TIME**

) Group Art Unit:

) Examiner:

) **TRANSMITTAL LETTER**

) 162 North Wolfe Road
) Sunnyvale, California 94086
) (408) 530-9700

) Customer Number 28960

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In Response the to Notice Regarding the Power of Attorney (copy attached), applicants enclose a copy of the assignment as originally filed July 27, 2002, including the return receipt post card and the Power of Attorney and Revocation of Prior Powers of Attorney for filing with the U.S. Patent and Trademark Office.

The Commissioner is authorized to charge any additional fee or credit any overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,
HAVERSTOCK & OWENS LLP

Dated: August 31, 2005

By: *Jonathan O. Owens*
Jonathan O. Owens
Reg. No.: 37,902

Attorneys for Applicant

CERTIFICATE OF MAILING (37 CFR § 1.8(a))
I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

HAVERSTOCK & OWENS LLP.

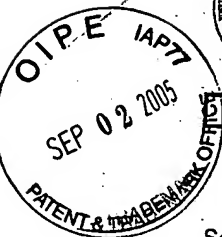
Date: 8-31-05 By: *Jonathan O. Owens*

COPY



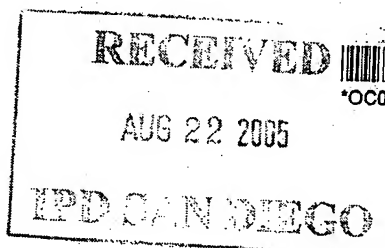
UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
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Alexandria, Virginia 22313-1450
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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/014,732	12/11/2001	Ikuo Tsukagoshi	50P4533.01

Sony Electronics Inc.
Intellectual Property Department
16450 West Bernardo Drive, MZ 7190
San Diego, CA 92127-1898



CONFIRMATION NO. 5777




OC000000016824330

Date Mailed: 08/19/2005

NOTICE REGARDING POWER OF ATTORNEY

This is in response to the Power of Attorney filed 08/01/2005. The Power of Attorney in this application is not accepted for the reason(s) listed below:

- The Power of Attorney is from an assignee and the Certificate required by 37 CFR 3.73(b) has not been received.


SOUTHCHAI VANNARATH
PTOSS (703) 305-0677

FORMER ATTORNEY/AGENT COPY



COPY



FILE

CM

RECEIVED

JUL 08 2002

IPD SAN DIEGO

SERIAL NO: 10/014,732

DOCKET NO.: 50P4533.01

FILED: 12/11/2001

TITLE: System and Method for Timeshifting the Encoding ...

APPLICANT: Ikuo Tsukagoshi, et. al.

Enclosed please find:

- ☒ Transmittal Letters (1 page, in duplicate)
- ☐ _____ Page Amendment
- ☒ Certificate of Mailing (2)
- ☐ _____ Sheets of Drawings
- ☒ Petition for Extension of Time (1 page in duplicate)
- ☐ Issue Fee and Advance Order
- ☒ Notice to file Missing Parts _____
- ☒ Executed Declaration (3 pages _____)
- ☒ Executed Assignment with Recordation Cover Sheet (7 pg, _____)



Mailed on _____

ASSIGNMENT RECORDATION COVER SHEET

To the Commissioner for Patents. Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):
Ikuro Tsukagoshi; Klaus Zimmermann

Additional names attached? ☒ NO ☐ YES

2. Name and address of receiving party(ies):
- | | |
|----------------------------|------------------------|
| Sony Corporation | Sony Electronics Inc. |
| 7-35 Kitashinagawa 6-Chome | 1 Sony Drive |
| Shinagawa-Ku | Park Ridge, New Jersey |
| Tokyo, Japan | 07656 |

Additional names and addresses attached? ☒ NO ☐ YES

3. Nature of Conveyance:

☒ Assignment ☐ Security Agreement ☐ Merger
☐ Change of Name ☐ Other _____

Execution Date: 5/7/02; 5/17/02

4. Application number(s) or patent number(s): 10/014,733
If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent application numbers:

B. Patent numbers:

Additional numbers attached? ☒ NO ☐ YES

5. Name and address of party to whom correspondence concerning document should be mailed:

Sony Electronics Inc.
Intellectual Property Dept., MZ 7190
16450 West Bernardo Drive
San Diego, CA 92127-1898
(858) 942-2897 FAX # (858) 942-7120

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

☐ Enclosed

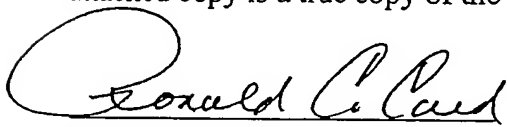
☒ Authorized to charge to deposit account.

☒ Charge any additional fees required to deposit account.

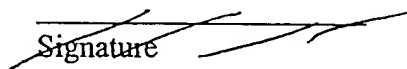
8. Deposit Account Number: 19-3195

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

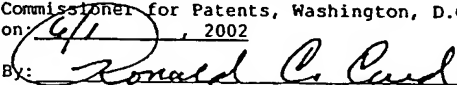


Ronald C. Card


Signature

6/2/02
Date

Total number of pages including cover sheet: 4

<p align="center">CERTIFICATE OF MAILING</p> <p>I hereby certify that this document and any document referenced herein is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on <u>6/1</u>, 2002</p> <p>By:  Ronald C. Card, Reg. No. 44,587</p>
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ASSIGNMENT

Docket No. 50P4533.01

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in System and Method for Timeshifting the Encoding/Decoding of Audio/Visual Signals in Real-time for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kirashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan and Sony Electronics Inc. a Delaware corporation with offices at 1 Sony Drive, Park Ridge, New Jersey 07656 (hereinafter referenced as ASSIGNEES) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEES, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEES, as the assignees of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEES or its designee, as ASSIGNEES or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEES thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEES will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

And I hereby authorize and request my attorney(s) of record in this application to insert the execution date, serial number and filing date of this application in the spaces that follow: Serial Number: 10/014,732, Filing Date: December 11, 2001.

This assignment executed on the dates indicated below..

<u>Ikuo Tsukagoshi</u>		Execution date of U.S. Patent Application	
Name of first inventor			
<u>718 Old San Francisco Road, Sunnyvale, CA 94086</u>		<u>USA</u> <u>JAPAN</u>	
Residence of first or sole inventor			
<u>[Signature]</u>		Date of this assignment	
Signature of first or sole inventor			
		Current Address:	
		<u>4-20-29-102 Tamagawa</u>	
		<u>Setagaya-Ku</u>	
		<u>Tokyo 158-0094 JAPAN</u>	
STATE OF _____	ss.		
COUNTY OF _____			

On this _____ day of _____, in the year of _____, before me, the undersigned notary public, personally appeared the above-named assignor, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged execution of this instrument.

Notary Public _____

Klaus Zimmerman
Name of second inventor KIRCHSTR. 134, 73779 DEIZISAU, GERMANY Execution date of U.S. Parent Application
1700 N. First Street #243, San Jose, CA 95112 USA GERMANY
Residence of second inventor
Klaus Zimmerman MAY 17, 2002
Signature of second inventor Date of this assignment

STATE OF _____)
COUNTY OF _____) ss.

On this _____ day of _____, in the year of _____, before me, the undersigned notary public, personally appeared the above-named assignors, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged execution of this instrument.

Notary Public



PATENT

Attorney Docket No. SONY-30000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ikuo Tsukagoshi et al.

Serial No.: 10/014,732

Filing Date: December 11, 2001

For: **SYSTEM AND METHOD FOR
TIMESHIFTING THE
ENCODING/DECODING OF
AUDIO/VISUAL SIGNALS IN
REAL-TIME**

**POWER OF ATTORNEY AND
REVOCATION OF PRIOR
POWERS OF ATTORNEY**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Sony Corporation and Sony Electronic Inc. owners of record of this application, hereby revokes all prior powers of attorney which may have been filed with this patent application, and appoints the members of the firm of HAVERSTOCK & OWENS LLP, a firm including Jonathan O. Owens (Reg. No. 37,902) and Thomas B. Haverstock (Reg. No. 32,571), as its attorneys with full power of substitution to transact all business in the Patent and Trademark Office in connection therewith.

Sony Corporation and Sony Electronics, Inc. also hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connect therewith:

Peter C. Toto	Reg. No. 36,293	Jaime A. Siegel	Reg. No. 39,027
Harold T. Fujii	Reg. No. 38,458	Frederick J. Zustak	Reg. No. 36,728
Mark Gorman	Reg. No. 43,641	Milton M. Frazier	Reg. No. 44,687
Hans R. Mahr	Reg. No. 46,138		

Please direct all correspondence regarding this patent application to:

Jonathan O. Owens
HAVERSTOCK & OWENS LLP
162 North Wolfe Road
Sunnyvale, California 94086
Customer No.: 28960
Telephone: (408) 530-9700
Facsimile: (408) 530-9797

Dated: 7/26/2005

Dated: 7/26/2005

Sony Corporation

By: [Signature]

Name: Harold T. Fujii

Title: Vice President-IPD

Sony Electronics Inc.

By: [Signature]

Name: Harold T. Fujii

Title: Vice President-IPD